

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE UNITED STATEST ATENT AND TRADEMINING STREET					
In re patent application of					
Applicant: Serial No.: Filed: For:	Serial No.: 10/772,610  Filed: February 5, 2004				
Art Unit: Examiner:	Unknown Unknown				
Exammer:					
	Information Disclosure Statement				
	nissioner for Patents ginia 22313-1450				
Sir:					
patents, publica except for: (a) upon which this	t to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the tions and other information listed on the attached PTO-1449. A copy of each listed document is enclosed pending applications or (b) those previously cited or submitted to the Office in the following application(s) application relies for an earlier filing date under 35 U.S.C. 120; or (c) U.S. Patent(s) and published since the subject application was filed after June 30, 2003.				
Serial No.: Filing Date:					
Applicant(s) he	document, publication or other information for which a date is not given on the attached PTO-1449, lieve(s) the same may qualify as "prior" art to this application and should be treated accordingly, although serve(s) the right to contest the prior art status of any document, publication or information, should issue arise.				
2. Regardi Statement as in following docu	ng each listed document that is not in the English language, an English-language translation accompanies this dicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the ment(s):				
(a)	Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.				
(b)	Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".				
3. Pursuar	at to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):				
(a)	Within 3 months of the filing date or date of entry into the National Stage.				
(b) <u>X</u>	Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 50-1063 for consideration of this Statement.				

	the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice lowance.
(1) Th	ne required certification is given below, or
(2) Enclo	osed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement, or
(3) Char	ge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 50-1063.
(d)After the Petiti	e mailing date of either a final action or a notice of allowance, but before payment of the issue fee. ion hereby is made for consideration of this Statement and the required certification is indicated below.
(1) Encl	osed is a check covering the fee set forth in 37 C.F.R. 1.17(i)(1), or
(2) Char	rge the fee set forth in 37 C.F.R. 1.17(i)(1) to Deposit Account No. 50-1063.
4. Certification (if	applicable)
com	undersigned hereby certifies that each item of information contained in this Statement was cited in a munication from a foreign patent office in a counterpart foreign application not more than 3 months r to the filing of this Statement.
comi	lersigned hereby certifies that no item of information contained in this Statement was cited in a munication from a foreign patent office in a counterpart foreign application or, to the undersigned's wledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) e than 3 months prior to the filing of this Statement.
5. The Commission No. 50-1063.	oner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account
	Respectfully Submitted,
	By Sadlowski Reg. No. 47,914
24 <sup>TH</sup> Floor, National C 1900 East 9 <sup>th</sup> Street Cleveland, Ohio 44114 (216) 696-8730	
deposited on the below	CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8  at this correspondence (along with any paper referenced as being attached or enclosed) is being we date with the United States Postal Service with sufficient postage as first class mail in an envelope commissioner for Patents, Alexandria, Virginia 22313-1450.
Date: 3-14-20	Jeffrey R. Sadlowski

PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE er the Paperwork Reduction Act of 1995, no persons are required to re-

Substitute for form 1449/PTO

No TON

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/772,610			
Filing Date	February 5, 2004			
First Named Inventor	Jeasung Jay Yoo			
Art Unit	Unknown			
Examiner Name	Unknown			
Attorney Docket Number	KOYOP101USA			

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	ļ <u> </u>	Number-Kind Code <sup>2 (f known)</sup> US- 5,063,614	11-12-1991	McSheffery	
	ļ		<del></del>	ļ	
		<sup>US-</sup> 5,906,004	05-25-1999	Lebby, et al.	
	<u></u>	<sup>US-</sup> 6,131,205	10-17-2000	Arem	
		<sup>US-</sup> 6,397,392	06-04-2002	Wooley, et al.	
		<sup>US-</sup> 6,477,710	11-12-2002	Ojoyeyi	
		<sup>US-</sup> 6,563,424	05-13-2003	Kaario	
		<sup>US-</sup> 6,563,769	05-13-2003	Van Der Meulen	
		<sup>US-</sup> 2002 0137554	09-26-2002	Hanna, et al.	
		US- 2002 0189000	12-19-2002	Jordan	
		<sup>US-</sup> 2003 0108217	06-12-2003	Tilbury, et al.	
		<sup>US-</sup> 2003 0180080	09-25-2003	Bar-Yona	
		<sup>US-</sup> D 309665	08-07-1990	Moseley	
		<sup>US-</sup> D 437673	02-20-2001	DesJardins, et al.	
		US-		·	
		US-			
	1	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	ا
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	/n) MM-DD-YYYY		Or Relevant Figures Appear	T°
<u> </u>						
						_
	<u> </u>					
	<del>                                     </del>					

Examiner	Date	
Signature	Considered	
Signature		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.